

1-6

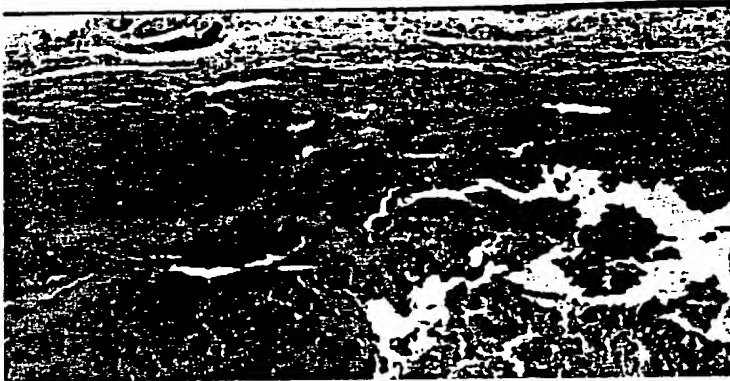


FIG. 1A.



FIG. 1B.

2-6



FIG. 2A.

MALE  
FEMALE  
C P

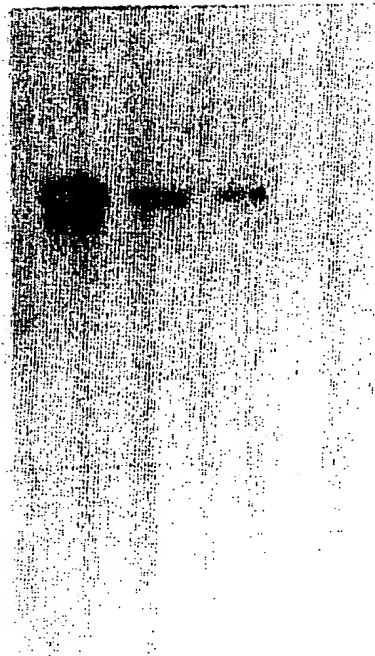


FIG. 2B.

MALE  
FEMALE  
C P

Kb  
- 9.5 -  
- 7.5 -  
- 4.4 -  
- 2.4 -  
- 1.4 -  
- .24 -

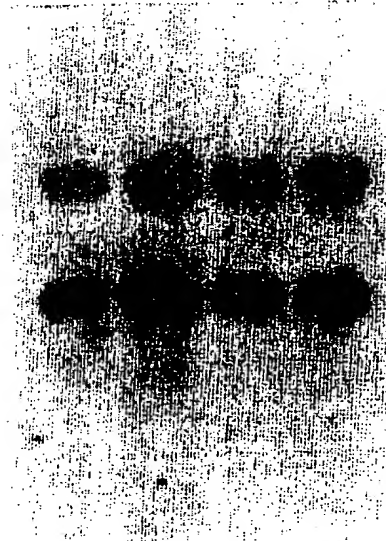


FIG. 3.

-----pRepro-PC-1.0

-----p5-1

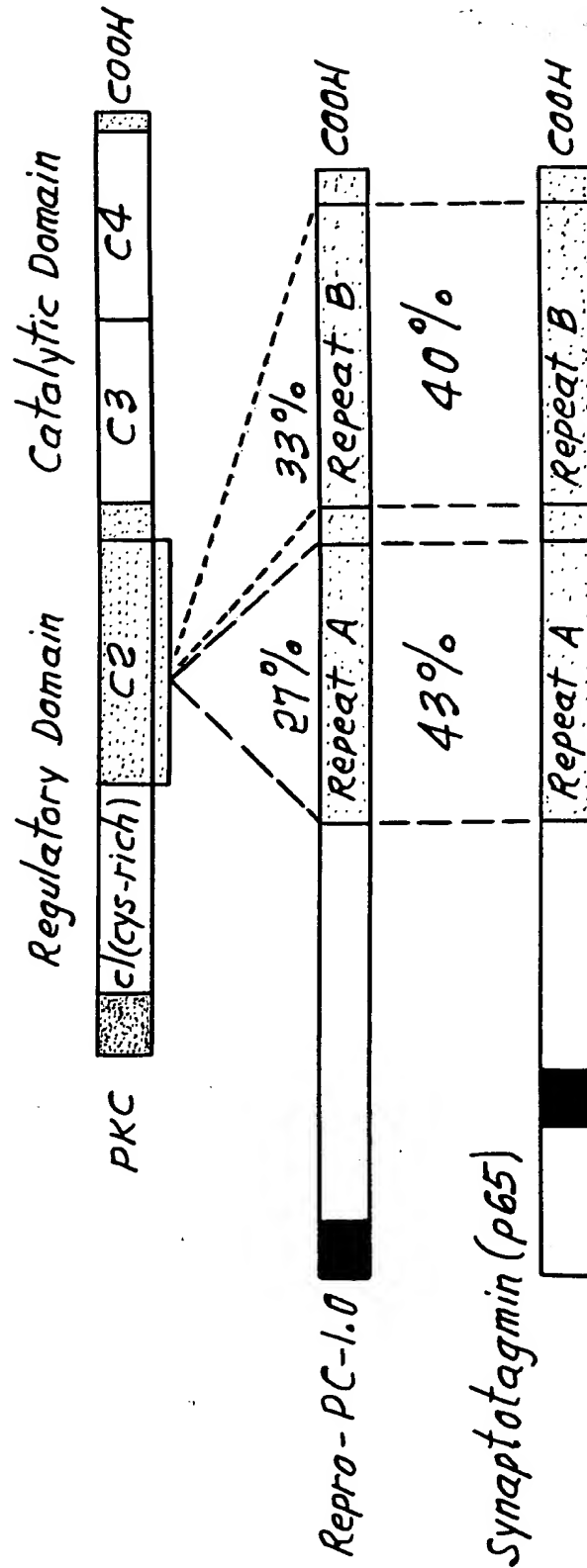
-----p55

3-6



1Kb

FIG. 4.



5-6

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PC1 : 1 MAPITTSREEFDEIPTVVGIFSAFGLVFTVSLFAWICCORPSAKSNKTPPYKFVHVULKGV 60
SYT4: 1 MAPITTSRVEFDEIPTVVGIFSAFGLVFTVSLFAWICCORPSAKSNKTPPYKFVHVULKGV 60

61 DIYPENLNSKKKFGADDKNEVKQKPAVPKNSLHLDLEKRDINGNFPKTNLKPSPDLEN 120
SYT4: 61 DIYPENLSSKKKFGDDKSEAKRAALPNLSLHLDLEKRDINGNFPKTNPKAGSSDLEN 120

121 ATPKLFLEGEKESVSPESLKSSTLTSEEKQKLGTLFFSLEYNFERKAFVWNKEARGL 180
SYT4: 121 VTPKLFPETEKEAVSPESLKSSTLTSEEKQKLGTLFLSLEYNFEKKAFAVWNKEAQGL 180

181 PAMDEQSMTSDPYIKMTILPEKKHKVKTRVLRKTLDPAFDETFTFYGIPTYQIQELALHF 240
SYT4: 181 PAMDEQSMTSDPYIKMTILPEKKHKVKTRVLRKTLDPVDETFTFYGVYPYPHIQELSLHF 240

241 TILSDFRSDDDIIGEVLPIPLSGIELSEGKMLMNRRIKRNVRKSSGRGELLISLCYQST 300
SYT4: 241 TVLSDFRSDDDVIGEVLPVPLSGIELSDGKMLMTREIIKRNAKSSGRGELLVSLCYQST 300

301 TNTLTVVVLKARHLPKSDVSGLSDPYVKVNLVYHAKKRISKKTHVKCTPNAVFNELFVF 360
SYT4: 301 TNTLTVVVLKARHLPKSDVSGLSDPYVKVNLVYHAKKRISKKTHVKCTPNAVFNELFVF 360

361 DIPCEGLEDISVEFLVLDSEGRSRNEVIGQLVLGAAAEGTGGEHWKEICDYPRRQIAKWH 420
SYT4: 361 DIPCESLEEISVEFLVLDSEGRSRNEVIGRLVLGATAEGSGGGHWKEICDFPRRQIAKWH 420

421 VLCDG 425
SYT4: 421 MLCDDG 425

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PKC-C2
154 ENVPSLGGDHTERRGRITYLEINVKENLLTVQIKEGRNL-IPMDPNGLSDPYVKVKLIPDD
Repro-PC-1.0 "B"
276 EIIKRNVRKSSGRGELLISLCYQSTINTLTVVVLKARHL-PKSDVSGLSDPYVKVNLVYHAK
SYNAPTOTAGMIN "B"
268 ---KEE---QEKLGDICFSRLRYVPTAGKLTVVILEAKNL-KKMDVGGLSDPYVKIHLMQNG
SYNAPTOTAGMIN "A"
134 ---KEEPKEEEKLGLQYSLDYDFQNNQLLVGIIQAELPA-LDMGGTSDPYVK---VFL
Repro-PC-1.0 "A"
150 -----KQEKLGTLFFSLEYNFERKAFVNNIKEARGLPAMDEQSMTSDPYIK----MTI

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PKC-C2	214	KDQSKK--TRTKACLN	PVWNE--TLTYDLKPEDKRRILLIEVWDWDR	TSRNDFMGALSF
Repro-PC-1.0 "B"	336	KRISKKK--THVKKCTP	NAVENELVF-DIPCEGLEDISVEfVLDSE	RGSRNEVIG--QL
SYNAPTOTAGMIN "B"	322	KRLKKKK--TTIKKNTL	NPYNESFSF-EVPFEQIQKVQVVT	VLDDYDKIGKND
SYNAPTOTAGMIN "A"	187	LPDKKKKFETK	VHRKTLNPVFNEQTF-KVPYSELGKTL	VMAYDDEF
Repro-PC-1.0 "A"	199	LPEKKHKVKT	RVLRKTLDPAFDETFTFYGIPY	TOIQELALHFTILSEDRFSRDDIIGEVLI

PKC-C2 271

Repro-PC-1.0 "B" 392 VLGAA

SYNAPTOTAGMIN "B" 378 FVGYN

SYNAPTOTAGMIN "A" 247 PMNTVDF

Repro-PC-1.0 "A" 260 PLS

FIG. 6.